

Remote Sensing of Environment Landsat 8 Science Results Special Issue

February 5, 2015

Thematic Emphasis

- Landsat 8 systems performance, data characteristics and quality
- Advances in land and water characterization associated with the improved Landsat 8 imaging systems
- Evidence of new or improved applications resulting from Landsat 8's advanced capabilities
- The extension of time series and broad area analyses engendered by the enhanced temporal and geographic coverage afforded by Landsat 8 operations.

Intentions

- 20-30 papers
- Open access for one year
- Digital posting of article once editorial process is complete
- Issues fees paid by USGS

Sources of Papers

- Landsat Science Team members (28 abstracts submitted)
- Commissioned papers on special topics (2-3 expected) – such as:
 - Overall system description
 - Landsat 8 product characteristics and quality
 - Future Landsat requirements
- Any remote sensing researcher(s) with relevant Landsat 8 results (61 abstracts received).

Review Approach

- Screen abstracts and select special issue candidates
 - Relevance to Landsat 8 special issue theme
 - Special issue topical balance
 - Overall quality of research
- Selected abstracts invited to submit full papers
- Manuscripts will go through standard RSE review and approval (no guarantees)

Abstracts Review Plan

- Scientifically sound and appropriate topic for Landsat 8 special issue
 - Author(s) will be asked to submit manuscript for consideration in special issue
- Scientifically sound but topic is not appropriate for Landsat 9 special issue
 - Author(s) will be encouraged to submit manuscript for consideration in a general *Remote Sensing of Environment* issue
- Not suited for full manuscript development
 - Author(s) will receive rejection email

We need volunteers to review abstracts over the next two weeks.

Tentative Schedule

- January 23 – Deadlines for submission of abstracts for initial screening
- **February 5** – Invitation to submit manuscripts
- April 15 – Manuscript submission to RSE deadline
- June 15 – Initial decisions on revisions or rejection
- October 1 – Final manuscripts submitted to RSE
- January 2016 – Special issue publication